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OM nucleic - nucleic search, using sw model

Run on: March 30, 2003, 03:17:01 ; Search time 85.7612 Seconds
(without alignments)
13395.488 Million cell updates/sec

Title: US-09-768-781-1

Perfect score: 1350

Sequence: 1 atggacagagtttatgaat.....caaggcaaaagtgtgtctga 1350

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 574371 seqs, 425486471 residues

Total number of hits satisfying chosen parameters: 1148742

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

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3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:
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6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:
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13: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:
14: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	1350	100.0	1350	10	US-09-768-781-1
2	1346.8	99.8	1389	10	US-09-768-781-2
3	747.2	55.3	17993	10	US-09-768-781-5
4	513.8	38.1	531	9	US-10-092-154-106
5	513.8	38.1	531	10	US-09-764-847-106
6	289.6	21.5	5096	10	US-09-962-436-564
7	270.6	20.0	668	10	US-09-864-761-16902
8	176.8	13.1	471	10	US-09-864-761-62
9	160.4	11.9	384	10	US-09-864-761-21423
10	140.4	10.4	498	10	US-09-864-761-4683
11	73.2	5.4	294	10	US-09-864-761-19197
12	65	4.8	477	10	US-09-864-761-2467
13	51.6	3.8	486	10	US-09-864-761-10062
14	43.4	3.2	832	10	US-09-764-877-853
15	38.8	2.9	6799	9	US-09-902-941-1883
16	38.8	2.9	6799	9	US-09-849-626-1883
17	38.8	2.9	6799	9	US-10-017-754-1883
18	36.4	2.7	3504	9	US-09-822-846-143
19	36.4	2.7	3504	9	US-09-822-846-144

20	34.8	2.6	2120	10	US-09-801-574-29	Sequence 29, Appl
21	34.4	2.5	42000	9	US-10-081-563-25	Sequence 25, Appl
22	34.4	2.5	465237	10	US-09-933-267A-1	Sequence 1, Appl
23	34	2.5	170834	10	US-09-835-232-7	Sequence 7, Appl
24	34	2.5	536165	9	US-09-939-964-1	Sequence 1, Appl
25	33.6	2.5	9822	10	US-09-853-386-25	Sequence 25, Appl
26	33.6	2.5	22756	9	US-10-091-572-473	Sequence 473, Appl
27	33.4	2.5	334	10	US-09-867-701-9820	Sequence 9820, Ap
28	33.4	2.5	592	10	US-09-864-761-13139	Sequence 13139, A
29	33.4	2.5	1233	9	US-10-076-816-12	Sequence 12, Appl
30	33.4	2.5	1940	12	US-10-044-090-275	Sequence 275, App
31	33.4	2.5	11337	10	US-09-764-877-2651	Sequence 2651, Ap
32	33.2	2.5	327	10	US-09-864-761-28059	Sequence 28059, A
33	33.2	2.5	456	10	US-09-864-761-11468	Sequence 11468, A
34	33.2	2.5	4030	10	US-09-070-927A-264	Sequence 264, App
35	33	2.4	1148	10	US-09-893-737-35	Sequence 35, Appl
36	33	2.4	4689	10	US-09-895-652-10	Sequence 10, Appl
37	33	2.4	5173	10	US-09-811-045A-2	Sequence 2, Appl
38	33	2.4	1503841	9	US-09-946-807-1	Sequence 1, Appl
39	33	2.4	1503841	10	US-09-795-668-1	Sequence 1, Appl
40	33	2.4	1503841	10	US-09-795-686-1	Sequence 1, Appl
41	32.8	2.4	817	10	US-09-864-761-18944	Sequence 18944, A
42	32.8	2.4	953	10	US-09-864-761-2203	Sequence 2203, Ap
43	32.8	2.4	2125	9	US-09-957-708-19	Sequence 19, Appl
44	32.8	2.4	5598	9	US-09-938-842A-1436	Sequence 1436, Ap
45	32.6	2.4	222	10	US-09-915-060-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1

US-09-768-781-1

; Sequence 1, Application US/09768781

; Patent No. US20020142376A1

; GENERAL INFORMATION:

; APPLICANT: MERKULOV, Gennady V. et al

; TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,

; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,

; FILE REFERENCE: CL001057-CIP

; CURRENT APPLICATION NUMBER: US/09/768,781

; CURRENT FILING DATE: 2001-01-25

; NUMBER OF SEQ ID NOS: 7

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 1

; LENGTH: 1350

; TYPE: DNA

; ORGANISM: Human

; US-09-768-781-1

Query Match 100.0%; Score 1350; DB 10; Length 1350;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1350; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	ATGACACAGAGTTTATGAATTCCTGAGGAGCCAAATGTGGATCCGGTTTCATCTCTGGAG	60
Db	1	ATGACACAGAGTTTATGAATTCCTGAGGAGCCAAATGTGGATCCGGTTTCATCTCTGGAG	60
Qy	61	GAAGATGTCATCCGTGGAGCCACCCCGATTACTTTTCCATTAGCATCTTTTCTCC	120
Db	61	GAAGATGTCATCCGTGGAGCCACCCCGATTACTTTTCCATTAGCATCTTTTCTCC	120
Qy	121	ACCTTTTGTACTGTGGGAGGCTGTCATCTGTTGTACATGTTAGAAATCTATCGAAAG	180
Db	121	ACCTTTTGTACTGTGGGAGGCTGTCATCTGTTGTACATGTTAGAAATCTATCGAAAG	180
Qy	181	AATAGTGAACACTTACCGGATGACATACACCTTTTCTTTTATGTTTTCATCCATTATG	240
Db	181	AATAGTGAACACTTACCGGATGACATACACCTTTTCTTTTATGTTTTCATCCATTATG	240
Qy	241	GTCCAGTTGACCTTCATTTTGTGCCACAGAGATCTAGCCAAAGATAAACCGCTATCATTA	300


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QY 721 CTCTGCATCACCATCTGGCGGACATTGGAGATCACTTCCCGCTCTCTGATTCCTGGTGCTC 780
DB 760 CTCTGCATCACCATCTGGCGGACATTGGAGATCACTTCCCGCTCTCTGATTCCTGGTGCTC 819
QY 781 TTCTCAGCCACTTGAATTAAGAGTGTGCGCTTCTAGTGTCTCAACTTCTGTATCATC 840
DB 820 TTCTCAGCCACTTGAATTAAGAGTGTGCGCTTCTAGTGTCTCAACTTCTGTATCATC 879
QY 841 CTCTTGAGCCCTCGAATTAAGTTCCTGGAGAAGTGGTGCCAGATGCCCAATAACATTGAG 900
DB 880 CTCTTGAGCCCTCGAATTAAGTTCCTGGAGAAGTGGTGCCAGATGCCCAATAACATTGAG 939
QY 901 AAAAATTTCAGCCGGTGGCACTCTGGTGGTCTCTGAATTTCACTCACCACCTCTATGCT 960
DB 940 AAAAATTTCAGCCGGTGGCACTCTGGTGGTCTCTGAATTTCACTCACCACCTCTATGCT 999
QY 961 GGCATCAACTTCTTCTGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 1020
DB 1000 GGCATCAACTTCTTCTGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 1059
QY 1021 GACAAGGCGAGAACTGGGACATATGGCCCTGCACTATAGTGTGAGGTGGTAGAGAT 1080
DB 1060 GACAAGGCGAGAACTGGGACATATGGCCCTGCACTATAGTGTGAGGTGGTAGAGAT 1119
QY 1081 GTGATCATGCTCTTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 1140
DB 1120 GTGATCATGCTCTTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 1179
QY 1141 TCCTTGATGGCTTGCAGTCACTAATGCTTATCTGATTTCACTTCACTTCACTTCACTT 1200
DB 1180 TCCTTGATGGCTTGCAGTCACTAATGCTTATCTGATTTCACTTCACTTCACTTCACTT 1239
QY 1201 TTCTTCCAGTACTTGCATCCATTTGGCTGCTCACTTTCACCCATAATGTAGTACCTC 1260
DB 1240 TTCTTCCAGTACTTGCATCCATTTGGCTGCTCACTTTCACCCATAATGTAGTACCTC 1299
QY 1261 CATTTGTCTGCTGTCCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG 1320
DB 1300 CATTTGTCTGCTGTCCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG 1359
QY 1321 GAGACTGAAGCAAGCAAGTGTGCTCTGA 1350
DB 1360 GAGACTGAAGCAAGCAAGTGTGCTCTGA 1389

RESULT 3
US-09-768-781-5
; Sequence 5, Application US/09768781
; Patent No. US20020142376A1
; GENERAL INFORMATION:
; APPLICANT: MERKULOV, Gennady V. et al
; TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: CL001057-CIP
; CURRENT APPLICATION NUMBER: US/09/768,781
; CURRENT FILING DATE: 2001-01-25
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 17993
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)-(17993)
; OTHER INFORMATION: n = A,T,C or G
US-09-768-781-5
Query Match 55.3%; Score 747.2; DB 10; Length 17993;
Best Local Similarity 97.1%; Pred. No. 2.1e-229;
Matches 761; Conservative 0; Mismatches 23; Indels 0; Gaps 0;
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QY 567 TGTGAGCCTGATCTCTGCAGAGGTTCCCTGGGTAGAGTTGTGCTAATGGTATTTTCCCT 626
DB 15210 TGAATTCCTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTT 15269
QY 627 GGTATCTGTACATATGGGGCCACCTTTTGCAATATATGTTGGGTATCCAGATCAAGTACGA 686
DB 15270 GGTATCTGTACATATGGGGCCACCTTTTGCAATATATGTTGGGTATCCAGATCAAGTACGA 15329
QY 687 TGACTACAGATTTCCGCTTTGGGCCACTAGAGTCTCTCATCACCATCTTGGCGGACATT 746
DB 15330 TGACTACAGATTTCCGCTTTGGGCCACTAGAGTCTCTCATCACCATCTTGGCGGACATT 15389
QY 747 GGAGATCACTTCCCGCTCTCTGATTTCTGGTGTCTTCTCTCAGGCCACTTTGAAATTTGAAGGC 806
DB 15390 GGAGATCACTTCCCGCTCTCTGATTTCTGGTGTCTTCTCTCAGGCCACTTTGAAATTTGAAGGC 15449
QY 807 TGTGCTTCTAGTGTCTCACTTCTGTATCATCTCTTTTGAGCCCTCGATTAAGTTCTG 866
DB 15450 TGTGCTTCTAGTGTCTCACTTCTGTATCATCTCTTTTGAGCCCTCGATTAAGTTCTG 15509
QY 867 GAGAGTGGTGGCCAGATGCCCAATAACATTGAGAAAACTTTCAGCCGGTGGCGACTCT 926
DB 15510 GAGAGTGGTGGCCAGATGCCCAATAACATTGAGAAAACTTTCAGCCGGTGGCGACTCT 15569
QY 927 GGTGTCTCTGATTTTCAGTCACTTCTCTATGCTGTCATCAACTTCTTCTGCTGGTCAGC 986
DB 15570 GGTGTCTCTGATTTTCAGTCACTTCTCTATGCTGTCATCAACTTCTTCTGCTGGTCAGC 15629
QY 987 TTTGAGTTGAGTTGGCAGACAGAGATCTCTCGACAAAGGGCAGAACTGGGGACATAT 1046
DB 15630 TTTGAGTTGAGTTGGCAGACAGAGATCTCTCGACAAAGGGCAGAACTGGGGACATAT 15689
QY 1047 GGGCTCTGACTATAGTGTGAGTTGGTAGAGATGTGATCATGTTCTTGGTTTAAAGTT 1106
DB 15690 GGGCTCTGACTATAGTGTGAGTTGGTAGAGATGTGATCATGTTCTTGGTTTAAAGTT 15749
QY 1107 CTTTGGAGTGAAGTGTGTAATTAATGCTGCTATTCCTTGTGCTTGCCTTCAGCTCAATTAT 1166
DB 15750 CTTTGGAGTGAAGTGTGTAATTAATGCTGCTATTCCTTGTGCTTGCCTTCAGCTCAATTAT 15809
QY 1167 TGTATCTGATTTCCATTTGATTTGATTTGATTTGATTTGATTTGATTTGATTTGATTTG 1226
DB 15810 TGTATCTGATTTCCATTTGATTTGATTTGATTTGATTTGATTTGATTTGATTTGATTTG 15869
QY 1227 CTCACCTTTCACCCATAATGTAGTACACTCTCCATTGTTGTTGTTGTTGTTGTTGTTGTTG 1286
DB 15870 CTCACCTTTCACCCATAATGTAGTACACTCTCCATTGTTGTTGTTGTTGTTGTTGTTGTTG 15929
QY 1287 TCGGACCAAGGTTGAGAACTCAGAGCCACCTTTTCAGACTGAAGCAAGGCAAGTGTGTTGT 1346
DB 15930 TCGGACCAAGGTTGAGAACTCAGAGCCACCTTTTCAGACTGAAGCAAGGCAAGTGTGTTGT 15989
QY 1347 CTGA 1350
DB 15990 CTGA 15993

RESULT 4
US-10-092-154-106
; Sequence 106, Application US/10092154
; Publication No. US20030054375A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC009C1
; CURRENT APPLICATION NUMBER: US/10/092.154
; CURRENT FILING DATE: 2002-03-07
; NUMBER OF SEQ ID NOS: 2003
; Prior Application removed - See File Wrapper or Palm
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 106
; LENGTH: 531
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-154-106

Query Match 38.1%; Score 513.8; DB 9; Length 531;
Best Local Similarity 98.5%; Pred. No. 3.6e-155;
Matches 523; Conservative 5; Mismatches 2; Indels 1; Gaps 1;

Qy 747 GGAGATCACTTCCCGCCCTCCTGATTTCTGGTCTCTTTCAGCCACTTTGAAATTGAAGGC 806
Db 2 GGAGATCACTTCCCGCCCTCCTGATTTCTGGTCTCTTTCAGCCACTTTGAAATTGAAGGC 61
Qy 807 TGTGCCCTTCTAGTGCTCAACTTCTGATCATCTCTTTTGAGCCCTGATTAAGTTCTG 866
Db 62 TGTGCCCTTCTAGTGCTCAACTTCTGATCATCTCTTTTGAGCCCTGATTAAGTTCTG 121
Qy 867 GAGAAGTGGTGGCCAGATGCCCAATAAATTCAGGAAATTTTCAGCCGGTGGGCACTCT 926
Db 122 GAGAAGTGGTGGCCAGATGCCCAATAAATTCAGGAAATTTTCAGCCGGTGGGCACTCT 181
Qy 927 GGTGGTCTGATTTCAAGTCAATCTCTGATCATCTCTTTTGAGCCCTGATTAAGTTCTG 986
Db 182 GGTGG-CTGATTTCAAGTCAATCTCTGATCATCTCTTTTGAGCCCTGATTAAGTTCTG 240
Qy 987 TTTGCAGTTGAGTTGGCAGACAGAGATCTCGTCACAAAGGGCAGAACTGGGACATAT 1046
Db 241 TTTGCAGTTGAGTTGGCAGACAGAGATCTCGTCACAAAGGGCAGAACTGGGACATAT 300
Qy 1047 GGGCTGCACATATAGTGTGAGTTGGTAGAGAAATGTGATCATGTGCTTTTAAAGTT 1106
Db 301 GGGCTGCACATATAGTGTGAGTTGGTAGAGAAATGTGATCATGTGCTTTTAAAGTT 360
Qy 1107 CTTTGGAGTGAAGTTTCACTGAATTTACTGATCATCTCTTTTCCAGTACTTGCATCCATTAT 1166
Db 361 CTTTGGAGTGAAGTTTCACTGAATTTACTGATCATCTCTTTTCCAGTACTTGCATCCATTAT 420
Qy 1167 TGCCTATCTGATTTCCATTTGCTTCTCTTCTTCCAGTACTTGCATCCATTAT 1226
Db 421 TGCCTATCTGATTTCCATTTGCTTCTCTTCTTCCAGTACTTGCATCCATTAT 480
Qy 1227 CTCACCTTTCACCCATATATAGTAGACTACCTCCATTGTGTCTGCTGCA 1277
Db 481 CTCACCTTTCACCCATATATAGTAGACTACCTCCATTGTGTCTGCTGCA 531

RESULT 5
US-09-764-847-106
; Sequence 106 Application US/09764847
; Patent No. US20020132767A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC009
; CURRENT APPLICATION NUMBER: US/09/764,847
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 2003
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 106
; LENGTH: 531
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-847-106

Query Match 38.1%; Score 513.8; DB 10; Length 531;
Best Local Similarity 98.5%; Pred. No. 3.6e-155;
Matches 523; Conservative 5; Mismatches 2; Indels 1; Gaps 1;
Qy 747 GGAGATCACTTCCCGCCCTCCTGATTTCTGGTCTCTTTCAGCCACTTTGAAATTGAAGGC 806
Db 2 GGAGATCACTTCCCGCCCTCCTGATTTCTGGTCTCTTTCAGCCACTTTGAAATTGAAGGC 61
Qy 807 TGTGCCCTTCTAGTGCTCAACTTCTGATCATCTCTTTTGAGCCCTGATTAAGTTCTG 866

Db 62 TGTGCCCTTCTAGTGCTCAACTTCTGATCATCTCTTTTGAGCCCTGATTAAGTTCTG 121
Qy 867 GAGAAGTGGTGGCCAGATGCCCAATAAATTCAGGAAATTTTCAGCCGGTGGGCACTCT 926
Db 122 GAGAAGTGGTGGCCAGATGCCCAATAAATTCAGGAAATTTTCAGCCGGTGGGCACTCT 181
Qy 927 GGTGGTCTGATTTCAAGTCAATCTCTGATCATCTCTTTTGAGCCCTGATTAAGTTCTG 986
Db 182 GGTGG-CTGATTTCAAGTCAATCTCTGATCATCTCTTTTGAGCCCTGATTAAGTTCTG 240
Qy 987 TTTGCAGTTGAGTTGGCAGACAGAGATCTCGTCACAAAGGGCAGAACTGGGACATAT 1046
Db 241 TTTGCAGTTGAGTTGGCAGACAGAGATCTCGTCACAAAGGGCAGAACTGGGACATAT 300
Qy 1047 GGGCTGCACATATAGTGTGAGTTGGTAGAGAAATGTGATCATGTGCTTTTAAAGTT 1106
Db 301 GGGCTGCACATATAGTGTGAGTTGGTAGAGAAATGTGATCATGTGCTTTTAAAGTT 360
Qy 1107 CTTTGGAGTGAAGTTTCACTGAATTTACTGATCATCTCTTTTCCAGTACTTGCATCCATTAT 1166
Db 361 CTTTGGAGTGAAGTTTCACTGAATTTACTGATCATCTCTTTTCCAGTACTTGCATCCATTAT 420
Qy 1167 TGCCTATCTGATTTCCATTTGCTTCTCTTCTTCCAGTACTTGCATCCATTAT 1226
Db 421 TGCCTATCTGATTTCCATTTGCTTCTCTTCTTCCAGTACTTGCATCCATTAT 480
Qy 1227 CTCACCTTTCACCCATATATAGTAGACTACCTCCATTGTGTCTGCTGCA 1277
Db 481 CTCACCTTTCACCCATATATAGTAGACTACCTCCATTGTGTCTGCTGCA 531

RESULT 6
US-09-962-436-564
; Sequence 564 Application US/09962436
; Patent No. US20020081301A1
; GENERAL INFORMATION:
; APPLICANT: Soppet, Daniel
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signal
; FILE REFERENCE: 689290-75
; CURRENT APPLICATION NUMBER: US/09/962,436
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: US/60/235,082
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/234,924
; PRIOR FILING DATE: 2000-09-25
; NUMBER OF SEQ ID NOS: 568
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 564
; LENGTH: 5096
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-962-436-564

Query Match 21.5%; Score 289.6; DB 10; Length 5096;
Best Local Similarity 54.6%; Pred. No. 3.8e-82;
Matches 627; Conservative 0; Mismatches 509; Indels 12; Gaps 2;
Qy 118 TCCACCTTTTGTACTGTGGGAGGCTGCATCTGCTTTGTACATGTTAGATCTATCGA 177
Db 110 TCCGTGTTCTGTTCTGTTGGCGGAGACAAACGGCGGCTCAGCCTGAGCAGCACCTACC 169
Qy 178 AAGAATAGTGAACCTTACCGGATGACATACACCTTTTCTTTTATGTTTTCATCCATT 237
Db 170 TCGGGGGGAGCCGATGTGCGAGCGCTGACGTGCTTTTCTGCTACTGCTTGGCGG 229
Qy 238 ATGTTCCAGTTGACCTCATTTTGTCCACAGAGATCTAGCCAAAGATAAACCCTATCA 297
Db 230 CTGTGAGCTCAGCTTCTCTTGTACACCGGACCTCAGCGCGACCGCCGCTCGTA 289
Qy 298 TTAATTTATGATCTAATCTCTTGGGACCTGTTATCAGATGTTTGGAGGCCATGATTAG 357

Db 2 ATTTTCCCTGTTACAGTTACTTATGGGCCATTTCGCTGCAATATACCTGCGCATCCAGAT 61
 Qy 678 CAGATGATGATACAGATTCGCTTGGGCCACTAGAAAGTCTCTGTCATCACCATCTG 737
 Db 62 CAGCAATGATGATACACTACCAATAGACTACCCGCCGATAGAAATCTCTGTCGTCATG 121
 Qy 738 GCGGACATTCGAGATCACTTCCCGCTCTGATTCGTCGTCGTCCTCTCAGCACCTTTGAA 797
 Db 122 CGGTTTTGGAGGTTATCTCAGGTGATGATCTGCGCATTTTTCATTTGATCTCTGAA 181
 Qy 798 ATTGAAGGCTGTGCTTCT 857
 Db 182 ACTGAAGAGCTACCCGCTTTTGTGTTAATCATATATTTTGTATATCTGTCGTCGTCGCT 241
 Qy 858 TAAGTTCTGAGAAAGTGGTGGCCAGATGCCCAATAACATTCAGAAAAAATTCAGCCGGT 917
 Db 242 GGAGTTTTGGAAGAGTGGAGCTCATCTTCTGCGCAACAAAGAAAAATAATTCCTCAATATG 301
 Qy 918 CGGCACCTCTGCTGCT 977
 Db 302 GGTACAGTACTGATGCTTTTCTTCTGATCAGCTGCTATATGCTGCTGCTGCTGCTGCTG 361
 Qy 978 CTGCTCAGCTTTTGCAGTTGAGTTGGCAGACAGAGATCTCTGCGCAAAAGGCGAGAACTG 1037
 Db 362 CTGCTCAGCAGTGAACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 421
 Qy 1038 GGCATATATGGCCCTGCACTATAGTGTGAGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 1097
 Db 422 GGGCCATAGAATCTTACACTACAGCTTTTCTGCTTTTGGAAAAATGTGATAATGATTTGGT 481
 Qy 1098 TTTTAACTCTTTGGAGTGAAGTGTACTGAATTTACTGCTATCTCTCTCTCTCTCTCTCT 1157
 Db 482 ATTTAGGTTCTTTGGAGGAAACTTTGCTGAAATTTGTTGACTCATTAATTTGCCGTGCA 541
 Qy 1158 GCTCATTATTTGCTTATCTGATTTTCCATTGATTTCCATTGCTCTCTCTCTCTCTCTCT 1217
 Db 542 GCTCATATAAGCTACCTATTTGGCCACTGGCTTTATGCTCTCTCTCTCTCTCTCTCTCT 601
 Qy 1218 TCNATTCGGCTCA 1230
 Db 602 CCCATGGCAGTCA 614

RESULT 8

US-09-864-761-62
 ; Sequence 62, Application US/09864761
 ; Patent No. US20020048763A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharon G.
 ; APPLICANT: Rank, David R.
 ; APPLICANT: Hanzel, David K.
 ; APPLICANT: Chen, Wensheng
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
 ; FILE REFERENCE: Acomica-X-1
 ; CURRENT APPLICATION NUMBER: US/09/864, 761
 ; CURRENT FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/180,312
 ; PRIOR FILING DATE: 2000-02-04
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 09/632,366
 ; PRIOR FILING DATE: 2000-08-03
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 09/608,408
 ; PRIOR FILING DATE: 2000-06-30
 ; PRIOR APPLICATION NUMBER: US 09/774,203
 ; PRIOR FILING DATE: 2001-01-29
 ; NUMBER OF SEQ ID NOS: 49117
 ; SOFTWARE: Annonax Sequence Listing Engine vers. 1.1
 ; SEQ ID NO 62
 ; LENGTH: 471
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: MAP TO AC005301.16
 ; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.3
 ; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.5
 ; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.5
 ; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.3
 ; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.2
 ; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.6
 ; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1.1
 ; OTHER INFORMATION: EXPRESSED IN PETAL LIVER, SIGNAL = 1.3
 ; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.8
 ; US-09-864-761-62

Query Match 13.1%; Score 176.8; DB 10; Length 471;
 Best Local Similarity 61.9%; Pred. No. 1.8e-46;
 Matches 280; Conservative 0; Mismatches 172; Indels 0; Gaps 0;
 Qy 601 AGATTGTGCTAATGGTATTTTCCCTGCTATCTGTCACCTATGGGGCCACCCTTTGGCAAT 660
 Db 19 ATAGCATTGCTGATGACATTTTCCCTGTTATCAGTTACTTATGGGGCCATTGCGTCAAT 78
 Qy 661 ATGTTGGCTATCCAGATCAAGTACGATGACTACAAGATTTCGCTTGGGCCACTAGAATC 720
 Db 79 ATACTGGCCATCCAGATCAGCAATGATGATACCTACCAATAGCTACCCGCCGATAGATTC 138
 Qy 721 CTCTGCATCACCATCTGGCGGACATTTGGAGATCACTTCCCGCTCTCTGATTCGTGCTC 780
 Db 139 TTCTGTGTCGTGATGTCGCGTTTTTTGGAGGTATCTCACTGTTAGTACTCTGCAATTT 198
 Qy 781 TTCTCAGCCACTTTGAAATTTGAAGCTGTGCGCTTCTCTAGTGTCTCAACTTCTCTGATCATC 840
 Db 199 TTCATTGTCATCTCTGAAACTGAAGAGCCTACCCGTTTTTGTAAATCATATATTTTGTATCA 258
 Qy 841 CTCTTTGAGCCCTGGATTAACTTCTGGAGAAAGTGTGCGCCAGATGCCCAATAAATTCAG 900
 Db 259 TTGTGGCACCCTGGCTGGAGTTTGGAAAAAGTGGAGCTCATCTTCCTGGGCAACAAAGAA 318
 Qy 901 AAAAATTTCAAGCCGGTGGCAGCTCTGCTGCTCTGATTTTCAGTCACCATCTCTCTATGCT 960
 Db 319 AATAATTCATATGTTGGGTACAGTACTGATGCTTTTCTTGATCAGCTGCTATGCT 378
 Qy 961 GGCATCAACTTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1020
 Db 379 GCCATCAACTTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 438
 Qy 1021 GACAAAGGGCAGAACTGGGGACATATGGGCCT 1052


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; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annonax Sequence Listing Engine vers. 1.1
; SEQ ID NO 4683
; LENGTH: 498
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC007064.22
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.92
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.92
US-09-864-761-4683

Query Match 10.4%; Score 140.4; DB 10; Length 498;
Best Local Similarity 70.0%; Pred. No. 1e-34;
Matches 189; Conservative 0; Mismatches 81; Indels 0; Gaps 0;

Qy 961 GGCATCAACTCTCTTGCTGGTCAGCTTGCAGTTGAGGTTGGCAGACAGAGATCTCGTC 1020
Db 498 GCCATCAACTCTCTCTGCTGGTCAGCAGTGAACCTGCAGTTGTCAGATGCACAAATAATT 439
Qy 1021 GACAAAGGGCAGAACTGGGGACATATGGCCCTGCACCTATAGTGTGAGGTTGGTAGAGAAT 1080
Db 438 GACGGGACACAGAGGTGGGCCATAGATCCTACACTACAGCTTTTCAGTTTTTAGAAAAT 379
Qy 1081 GTGATCATGCTCTTGCTTTTAAAGTTCTTTGGAGTGAAGTGTACTGAATTTACTGTCTAT 1140
Db 378 GTGATAATGATATGCTATTTAGTTCTTTGGAGGMAAACTTTGCTGAATTTGTTGTGAC 319
Qy 1141 TCCTTGATTCCTTGCAGTCAATATTTGCTTTATCTGATTTCCATTGACTTCACTGCTCTT 1200
Db 318 TCATTAAATGGCTGAGCTCATATAAGTACCTATTGGCCACTGGCTTTATGCTCTCTC 259
Qy 1201 TCTTTCAGTACTTGCATCCATTGCGCTCA 1230
Db 258 TCTATCATGATTTGTACCATGGCAGTCA 229

RESULT 11
US-09-864-761-19197
; Sequence 19197, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USE
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aecomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30

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;	PRIOR APPLICATION NUMBER:	PCT/US01/006668	
;	PRIOR FILING DATE:	2001-01-30	
;	PRIOR APPLICATION NUMBER:	PCT/US01/006663	
;	PRIOR FILING DATE:	2001-01-30	
;	PRIOR APPLICATION NUMBER:	PCT/US01/006662	
;	PRIOR FILING DATE:	2001-01-30	
;	PRIOR APPLICATION NUMBER:	PCT/US01/006661	
;	PRIOR FILING DATE:	2001-01-30	
;	PRIOR APPLICATION NUMBER:	PCT/US01/00670	
;	PRIOR FILING DATE:	2001-01-30	
;	PRIOR APPLICATION NUMBER:	US 60/234,687	
;	PRIOR FILING DATE:	2000-09-21	
;	PRIOR APPLICATION NUMBER:	US 09/608,408	
;	PRIOR FILING DATE:	2000-06-30	
;	PRIOR APPLICATION NUMBER:	US 09/774,203	
;	PRIOR FILING DATE:	2001-01-29	
;	NUMBER OF SEQ ID NOS:	49117	
;	SOFTWARE:	Annomax Sequence Listing Engine vers. 1.1	
;	SEQ ID NO	19197	
;	LENGTH:	294	
;	TYPE:	DNA	
;	ORGANISM:	Homo sapiens	
;	FEATURE:		
;	OTHER INFORMATION:	MAP TO AL121577.1	
;	OTHER INFORMATION:	EXPRESSED IN BT474, SIGNAL = 1.2	
;	OTHER INFORMATION:	EXPRESSED IN BONE MARROW, SIGNAL = 2.3	
;	OTHER INFORMATION:	EXPRESSED IN LUNG, SIGNAL = 1.6	
;	OTHER INFORMATION:	EXPRESSED IN BRAIN, SIGNAL = 1.8	
;	OTHER INFORMATION:	EXPRESSED IN ADULT LIVER, SIGNAL = 2.4	
;	OTHER INFORMATION:	EXPRESSED IN FETAL LIVER, SIGNAL = 1.5	
;	OTHER INFORMATION:	EXPRESSED IN PLACENTA, SIGNAL = 2.2	
;	OTHER INFORMATION:	EXPRESSED IN HEART, SIGNAL = 2.2	
;	OTHER INFORMATION:	EXPRESSED IN HELA, SIGNAL = 2	
;	OTHER INFORMATION:	EXPRESSED IN HBL100, SIGNAL = 3.3	
;	OTHER INFORMATION:	EST HIT: g110835266, EVALUE 0.00e+00	
;	OTHER INFORMATION:	NT HIT: AI697050.1, EVALUE 0.00e+00	
;	OTHER INFORMATION:	SWISSPROT HIT: P51811, EVALUE 5.00e-44	
;	US-09-864-761-19197		
	Query Match	5.4%;	Score 73.2; DB 10; Length 294;
	Best Local Similarity	58.3%;	Pred. No. 3.4e-13;
	Matches 148; Conservative	0; Mismatches 103; Indels	3; Gaps
Qy	374	AGAAAGAGGAGCAGGAGGACCCCTATGTACGCCTCACCCGAAAGA---AGATGCTAATAG	430
Db	28	AGTCAGGCAACAATGAAGAGCCCTTATGTTCAGTATATCCAAAGAGAGGCAAAATGCCAAAAA	87
Qy	431	ATGCGGAGGAGTGCTGATAGATGGAGTGGGCCACTCCATCCGACCCCTGGCTATGC	490
Db	88	ATGGCCCTCTCAGAGGAGATTGAGAAGAGTGGGCCAGGAGCAACAAATACCC	147
Qy	491	ACCCCAATGCCTCAAAACGTTATGTACAGATCCAAGCCTTCTTGGGCTCAGTGCCCCCAGC	550
Db	148	ACCGATCAGCGTTTCAGCGGGCGTCGGTGATCCAGGCTTTCTTGGGCTCAGCCCCCAGC	207
Qy	551	TGACCTATCAGCTCTATGTGAGCCTGATCTCTGCAGAGGTTCCCTGGGTAGAGTTGTGC	610
Db	208	TGACCCCTACAGCTGTACATAAGTGTCTATGCAGCAGGACGTCACCTGTGTGAAGAAGTACGT	267
Qy	611	TAATGGTATTTC	624
Db	268	GTATTTTATTTC	281
RESULT 12			
US-09-864-761-2467			
;	Sequence 2467, Application	US/09864761	
;	Patent No. US20020048763A1		
;	GENERAL INFORMATION:		
;	APPLICANT:	Penn, Sharon G.	
;	APPLICANT:	Rank, David R.	
;	APPLICANT:	Hanzel, David K.	
;	APPLICANT:	Chen, Wensheng	

RESULT 12
US-09-864-761-2467
; Sequence 2467, Application US/09854761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng

;; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
;; FILE REFERENCE: Aomica-X-1
;; CURRENT APPLICATION NUMBER: US 09/864,761
;; PRIOR FILING DATE: 2001-05-23
;; PRIOR APPLICATION NUMBER: US 60/180,312
;; PRIOR FILING DATE: 2000-02-04
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: US 09/632,366
;; PRIOR FILING DATE: 2000-08-03
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 09/608,408
;; PRIOR FILING DATE: 2000-06-30
;; PRIOR APPLICATION NUMBER: US 09/774,203
;; PRIOR FILING DATE: 2001-01-29
;; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
;; SEQ ID NO 2467
;; LENGTH: 477

;; TYPE: DNA

;; ORGANISM: Homo sapiens

;; FEATURE:

;; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1.2

;; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.3

;; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.6

;; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.8

;; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.4

;; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.5

;; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.2

;; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.2

;; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2

;; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 3.3

US-09-864-761-2467

Query Match 4.8%; Score 65; DB 10; Length 477;

Best Local Similarity 62.2%; Pred. No. 2.1e-10;

Matches 120; Conservative 0; Mismatches 70; Indels 3; Gaps 1;

Qy 374 AGAAGAGGAGGAGGAGCCCTATGCTAGCCTCACCAGAAAGA---AGATGCTAATAG 430

Db 285 AGTCAGGCAACAATGAGAGCCCTTATGCTAGTATCCACAAGAGGCAATGCCAAAA 344

Qy 431 ATGGCGAGGAGGTGCTGATAGAAATGGGAGGTGGGCCCACTCCATCCGACCCCTGGCTATGC 490

Db 345 ATGGCTCTCAGAGGAGATTGAGAGGAGGTGGGCCAGGAGGCAAACTAATCACTACCC-404

Qy 491 ACCGCAATGCTACAAAGCTATGTCCAGATCCAGATCCAGTCCAGTCCAGTCCAGC 550
Db 405 ACCGATCAGCGTTAGCGCGGCTCGGTGATCCAGGCTTTCTTGGCTCAGCCCCCAGC 464
Qy 551 TGACCTATCAGCT 563
Db 465 TGACCTACAGCT 477

RESULT 13

US-09-864-761-10062/c

; Sequence 10062, Application US/09864761

; Patent No. US20020048763A1

; GENERAL INFORMATION:

; APPLICANT: Penn, Sharron G.

; APPLICANT: Rank, David R.

; APPLICANT: Hanzel, David K.

; APPLICANT: Chen, Wensheng

; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR

; FILE REFERENCE: Aomica-X-1

; CURRENT APPLICATION NUMBER: US/09/864,761

; CURRENT FILING DATE: 2001-05-23

; PRIOR APPLICATION NUMBER: US 60/180,312

; PRIOR FILING DATE: 2000-02-04

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 09/632,366

; PRIOR FILING DATE: 2000-08-03

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00662

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 60/234,687

; PRIOR FILING DATE: 2000-09-21

; PRIOR APPLICATION NUMBER: US 09/608,408

; PRIOR FILING DATE: 2000-06-30

; PRIOR APPLICATION NUMBER: US 09/774,203

; PRIOR FILING DATE: 2001-01-29

; NUMBER OF SEQ ID NOS: 49117

; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1

; SEQ ID NO 10062

; LENGTH: 486

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; OTHER INFORMATION: MAP TO AC007064.22

; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 0.96

; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.1

US-09-864-761-10062

Query Match 3.8%; Score 51.6; DB 10; Length 486;

Best Local Similarity 56.5%; Pred. No. 4.4e-06;

